

Notice of Allowability

Application No.

09/199,320

Examiner

Jefferey F Harold

Applicant(s)

KLEIN, JOHANN

Art Unit

2644

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 3/25/05.
2. ☒ The allowed claim(s) is/are 2-28.
3. ☒ The drawings filed on 25 November 1998 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 10, line 10 remove "can"

Allowable Subject Matter

2. ***Claims 2-28*** are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding **claim 5**, the prior art of record discloses a process of transmitting a telephone number of a desired subscriber from a directory enquiry facility to a terminal connected to the directory enquiry facility over a telecommunication network with a first channel for voice transmission and a second channel for data transmission, said process comprising: transmitting an enquiry with the data describing the desired subscriber from the terminal to the directory enquiry facility on the first channel; transmitting the telephone number in the form of a numeric string from the directory enquiry facility to the terminal on the second channel; receiving the numeric string at the terminal; determining the telephone number from the numeric string; and storing the telephone number in a memory in the terminal provided for direct dialing of telephone

numbers, however, the prior art of record failed to disclose or fairly suggest wherein the terminal sends a message to the directory enquiry facility on the second channel indicating to the directory enquiry facility a request for further information.

Regarding **claim 7**, the prior art of record discloses a process of transmitting a telephone number of a desired subscriber from a directory enquiry facility to a terminal connected to the directory enquiry facility over a telecommunication network with a first channel for voice transmission and a second channel for data transmission, the process comprising: transmitting an enquiry with the data describing the desired subscriber from the terminal to the directory enquiry facility on the first channel; transmitting the telephone number in the form of a numeric string from the directory enquiry facility to the terminal on the second channel; receiving the numeric string at the terminal; determining the telephone number from the numeric string; and storing the telephone number in a memory in the terminal provided for direct dialing of telephone numbers, however, the prior art of record failed to disclose or fairly suggest wherein the terminal includes a keyboard, and the terminal sends a message to the directory enquiry facility on the second channel when a key is pressed on the keyboard of the terminal, indicating to the directory enquiry facility a request for further information.

Regarding **claim 8**, the prior art of record discloses a directory enquiry facility comprising: receiver means for connecting to a terminal over a telecommunication network on a line with a first channel for voice transmission and a second channel for data transmission, and receiving on the first channel an enquiry with data describing a desired subscriber, converter means for converting a telephone number into a numeric

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string; and transmitter means for transmitting the numeric string to the terminal on the second channel, however, the prior art of record failed to disclose or fairly suggest receiving on the second channel a message sent by the terminal indicating to the directory enquiry facility a request for further information.

Regarding **claim 10**, the prior art of record discloses a terminal for a telecommunication network, the terminal comprising: means for connecting over the telecommunication network to a directory enquiry facility on a line with a first channel for voice transmission and a second channel for data transmission; means for transmitting on the first channel for voice transmission an enquiry with data describing a desired subscriber; means for receiving on the second channel a telephone number of a subscriber sent from the directory enquiry facility in the form of a numeric string; means for determining the telephone number from the numeric string; and memory means for storing the telephone number and for yielding the telephone number for direct dialing of the subscriber, however, the prior art of record failed to disclose or fairly suggest wherein the terminal includes a keyboard, and the terminal sends a message to the directory enquiry facility on the second channel when a key is pressed on the keyboard of the terminal, indicating to the directory enquiry facility a request for further information.

Regarding **claim 11**, the prior art of record discloses a directory enquiry telephone number transmission system, comprising: means for transmitting an enquiry with data describing a desired subscriber from a terminal to a directory enquiry facility on a first channel for voice transmission; means for transmitting a telephone number in

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the form of a numeric string from the directory enquiry facility to the terminal on a second channel for data transmission; means for receiving the numeric string at the terminal; means for issuing an action command by the directory enquiry facility to cause the terminal to determine the telephone number from the numeric string and to save the telephone number in the memory in the terminal provided for direct dialing of telephone numbers, however, the prior art of record failed to disclose or fairly suggest wherein said terminal includes a keyboard, and the terminal sends a message to the directory enquiry facility on the second channel when a key is pressed on the keyboard of the terminal, indicating to the directory enquiry facility a request for further information.

Regarding **claim 12**, the prior art of record discloses a directory enquiry facility comprising: a receiving module configured to receive from a terminal connected to a telecommunication network, with a line with a first channel for voice transmission and a second channel for data transmission, an enquiry with data describing a desired subscriber, the receiving module receiving the enquiry on the first channel; a converter configured to convert a telephone number into a numeric string; and a transmitter configured to transmit the numeric string to the terminal on the second channel, however, the prior art of record failed to disclose or fairly suggest wherein the receiving module is configured to receive on the second channel a message sent by the terminal indicating to the directory enquiry facility a request for further information.

Regarding **claim 14**, the prior art of reference discloses a terminal in a telecommunication network comprising: a connecting module configured to connect over the telecommunication network to a directory enquiry facility on a line with a first

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channel for voice transmission and a second channel for data transmission, and to transmit on the first channel an enquiry with data describing a desired subscriber; a receiving module configured to receive on the second channel a telephone number of a subscriber sent from the directory enquiry facility in the form of a numeric string and to determine the telephone number from the numeric string; and a memory configured to store the telephone number and to yield the telephone number for direct dialing of the subscriber, however, the prior art of record failed to disclose or fairly suggest wherein the connecting module is configured to send a message to the directory enquiry facility on the second channel indicating to the directory enquiry facility a request for further information.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jefferey F Harold whose telephone number is 571-272-7519. The examiner can normally be reached on Monday - Friday 9 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh H Tran can be reached on 571-272-7564. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jefferey F Harold
Examiner
Art Unit 2644



JFH
April 22, 2005